

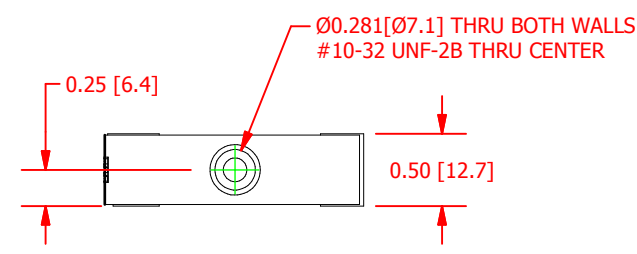
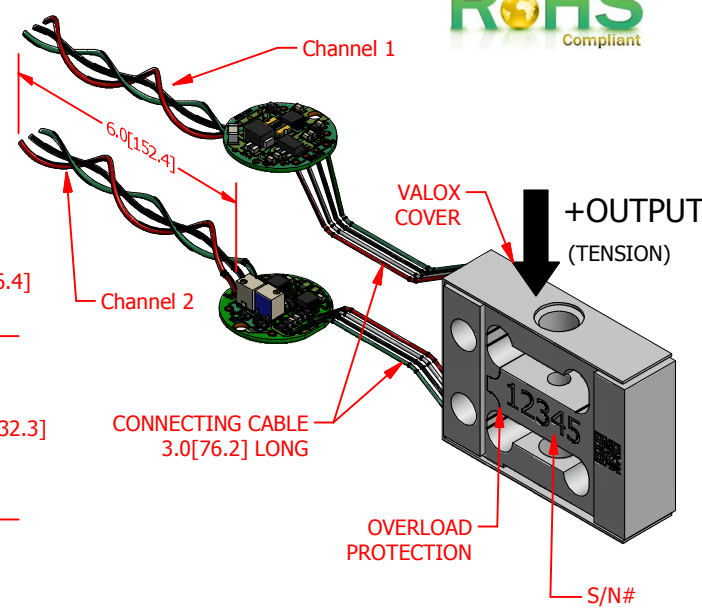
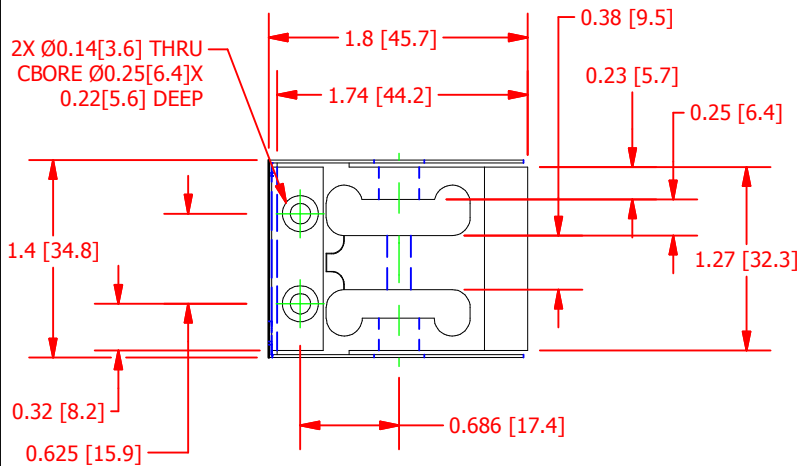
FUTEK MODEL QLA376

ITEM NUMBER: QSH01708

DUAL CHANNEL PARALLELOGRAM LOAD CELL W/ OVERLOAD PROTECTION AND INLINE AMPLIFIERS



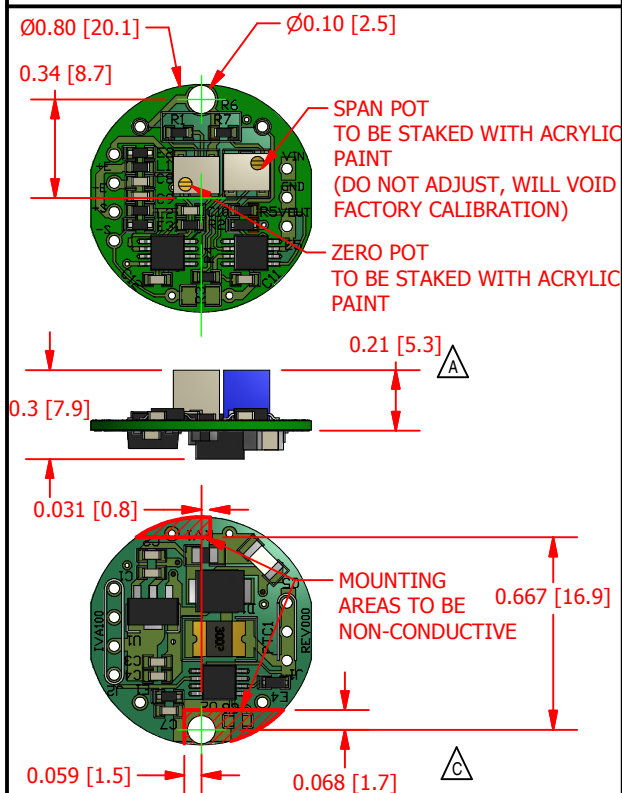
INCH [mm] R.O.= Rated Output		
WIRING CODE		
Power Supply (+)	Ground(-)	Voltage Output (+)
RED	BLACK	Green



SPECIFICATIONS

RATED OUTPUT	8 VDC
CAPACITY	15 lb [0.067kN]
SAFE OVERLOAD	250 lb
ZERO BALANCE	1 VDC
EXCITATION	12-24 VDC MAX
NONLINEARITY	±0.075 of R.O.
HYSTERESIS	±0.075 of R.O.
NONREPEATABILITY	±0.05 of R.O.
TEMP. SHIFT ZERO	±0.007 of R.O./°F (±0.013 of R.O./°C)
TEMP. SHIFT SPAN	±0.007 of LOAD/°F (±0.013 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (15.56 to 71.11 °C)
OPERATING TEMP	-40 to 185 °F (-40 to 85 °C)
WEIGHT (approx)	0.2 lb
MATERIAL	Aluminum
CABLE (From Load Cell to Amplifier)	#29 AWG, 4 Conductor, Spiral Teflon Cable
CABLE (From Amplifier)	#26 AWG, 4 Conductor, Spiral Teflon Cable

SBA00230 AMPLIFIER DETAIL



CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.
10 THOMAS, IRVINE, CA 92618 USA
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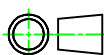
CUSTOMER APPROVAL- NAME / DATE:

STANDARD NOTES: (Unless Otherwise Specified)
ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
THREADS PER HANDBOOK H-28
DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
± 1/2°

CHAMFER:
± 5°

3rd ANGLE PROJ.
TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"



MODEL: **QLA376**

DWG No.: **FO1357-C**

DRAWN BY: E. Pano

CREATED DATE: 8/26/2013

APPROVED BY: R. Walker

APPROVED DATE: 12/4/2013

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1

REVISIONS: (Refer to dwg # revision sheet)

A	12/12/2013
B	12/16/2013
C	3/12/2015